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No. 41] NEW DELHI, SATURDAY, OCTOBER 12, 1996 (ASVINA 20, 1918)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 12th October 1996

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Bose Road, Calcutta-700 020.

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पेटेंट कार्यालय

एकस्य तथा अभिकल्प

कलकत्ता, दिनांक 12 अक्टूबर 1996

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोंडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश तथा गोवा राज्य क्षेत्र एवं संघ शासित क्षेत्र, वमन तथा बीव एन्ड बाबर और नागर हुबली।

तार पता-“पेटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब,
राजस्थान, उत्तर प्रदेश तथा दिल्ली राज्य क्षेत्रों एवं संघ शासित क्षेत्र चण्डीगढ़।

तार पता-“पेटोफिस”

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पांडिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र लक्षद्वीप मिनिकाय तथा एमिनीद्वीप द्वीप।

तार पता-“पेटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता-“पेटोफिस”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किये जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जादेगी अथवा उपयुक्त कार्यालय में नियन्त्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या अहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियन्त्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है।

APPLICATION FOR PATENT FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-20

The Dates shown in the crecent bracket are the dates
claimed under section 135, of the Patent Act, 1970.

14-6-1996

1105/Cal/96 Daewoo Electronics Co. Ltd. "Refrigerator
having a cool air dispensing shell". (Convention
No. 95-15985; on 16-6-1995; in Korea).

1106/Cal/96 Wen Thsia Chiang. "Beverage container with
retained cup and straw."

1107/Cal/96 Board of Trustees of the University of Illionis.
"Electrostatic accelerated-recirculating fusion neu-
tron/proton source". (Convention No. 08/491,
127; on 16-6-1995; in U.S.A.).

1108/Cal/96 Karl William Megenbier "Steam injection appa-
ratus". (Convention No. 9606629.5; on 29-3-96;
in Great Britain).

1109/Cal/96 Brita Wasser-Filter-Systeme, GMBH "Water
purification apparatus."

1110/Cal/96 Mcneil-PPC, Inc. "Tampon applicator tube
apertured finger grip." (Convention No. 08/496
103; on 28-6-95; in U.S.A.).

1111/Cal/96 (i) Henry K. Obermeyer. (ii) Robert D. Eck-
man. "Spillway crest gate system and inflatable
bladder therefor". (Convention No. 08/490, 643;
on 15-6-95 in U.S.A.).

1112/Cal/96 Henry K. Obermeyer. "Connection system for
reinforced composite structures." (Convention No.
08/518,620; on 23-8-95; in U.S.A.).

1113/Cal/96 Biophysica Inc. "Formyl derivatives as nonio-
mic contrast media." (Convention No. 08/491,135;
on 16-6-95; in U.S.A.).

1114/Cal/96 Harris Corporation. "Dynamically negotiated
application program interface method." (Con-
vention No. 08/490,691; on 16-6-95; in U.S.A.).

1115/Cal/96 Panelcrete Pty Limited. "An apparatus and
method to manufacture cast panels".

1116/Cal/96 Metallurgical & Engineering Consultants (India)
Limited. "Process and system for producing sul-
phur dioxide-free exhaust/flue gases, emanating
from industrial/technological processes/plants".

1117/Cal/96 Matériaux De Construction International (M.C.I.S.A.). "Process for manufacturing an article in the form of a slab and article manufactured." (Convention No. 95/07124; on 15-6-95; in France).

17-6-1996

1118/Cal/96 Flex Products. "Paired optically variable device with paired optically variable pigments and ink paint and foil incorporating the same and method."

1119/Cal/96 Siemens Aktiengesellschaft. "Steam turbine component with throttle element for regulating the steam flow and method for regulating the steam flow in a steam turbine." (Convention No. 19522359.4; on 20-6-1995; in Germany).

1120/Cal/96 Asta Medica Aktiengesellschaft. "Pharmaceutical power Cartridge with integrated metering device and inhaler for powdered medicaments." (Convention Nos. 19522415.9 & 19522416.7; on 21-6-95; in Germany).

1121/Cal/96 Merck Patent Gesellschaft Mit Beschränkter Haftung. "Laser-Markable Plastics" (Convention No. P19522397.7; on 23-6-95; in Germany).

1122/Cal/96 Didier-Werke AG. "Method and apparatus for inductively heating a refractory shaped member." (Convention No. P19526970.5; on 25-7-95; in Germany).

1123/Cal/96 Didier-Werke AG. "Method and apparatus for inductively heating a refractory shaped member." (Convention No. P19526967.5; on 25-7-96; in Germany).

1124/Cal/96 Hitachi Ltd. "Scholl compressor." Convention No. 07-153529; on 20-6-95; in Japan).

1125/Cal/96 Rascor Spezialbau GMBH. "Predetermined crack joint rail."

REGISTRATION AS PATENT AGENT

The name and address of the following persons have been entered in the Register of Patent Agent under section 126 (1) (c) (i) of the Patents Act, 1970.

1. Manjula Ravel,
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2. Mahendra Kumar Ravel,
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Madras-92.
4. Subramaniam Ramu Vedarman,
C/508, Manju Mahal,
35, Pali Hill Road, Bandra,
Bombay-50.
5. Sangeeta Goel,
C/o Lal Bahari & Salhotra,
L.L.S. House,
N-128, Panchsheel Park,
New Delhi-17.
6. J. Vijay Raghavan,
No. 114-B, Pocket A-2,
Magur Vihar, Phase III,
Delhi-110096.

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated 7-10-1995, page No. 841, Column-I under the heading "Cessation of Patents"

Delete Patent No. 159762.

In the Gazette of India, Part III, Section 2, dated 17-2-1996, page No. 161, Column-I, under the heading "Cessation of Patents"

Delete patent No. 169027, 169125, 169195.

In the Gazette of India, Part III, Section 2, dated 2-3-1996, Page No. 188, Column-I, under heading "Cessation of Patents".

Delete patent No. 169648.

In the Gazette of India, Part III, Section 2 dated 16-3-1996, Page No. 216, Column-I, under the heading "Cessation of Patents."

Delete patent No. 170573.

In the Gazette of India, Part III, Section 2 dated 9-3-1996, page No. 197, Column-I, under the heading "Cessation of Patents".

Delete-169945.

ALTERATION OF DATE UNDER SECTION 16

176976

Patent No. 527/Mas/93 Ante-dated to 25th November, 1992.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत बिहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एकत्रित उपयुक्त कार्यालय में ऐसे विरोध की सूचना बिहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित दस्तावेज, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिये।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, अन्तर्गत वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हो, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा बिहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अवाधणी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित निम्न आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (अंशिक प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परीक्षण किया जा सकता है।

Ind. Cl. : 49 [XV]

17941

Int. Cl. : A 21 B—1/52, A47 J—3/01

AN IMPROVED ELECTRICAL OVEN.

Applicants & Inventors : VISHVAS NARAYAN SAHA-SRABUDDE AND DEEPAK GANESH KARANDIKAR, 58/12 D-2, BLOCK MIDC, CHINCHWAD, PUNE-411 019, MAHARASHTRA, INDIA.

Application No. 348/Bom/1992 filed on Nov. 11, 1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400013.

2 Claims

Improved electrical oven comprising main utensil (2) placed over a stand (3) and a lid having three contraption, the two bottom walls (8, 9) forming circular groove (10) leaving an annular gap, (12) there being provided a heating coil; (13); the lower two walls (8, 9) of the said lid component and the upper wall forming the top of the lid are held in position with the help of a plurality of hollow revets (19); the heating elements (13) are connected to the mains supply the cable passing through a handle (16) made of non-conductive material fixedly attached on one side of the lid component.

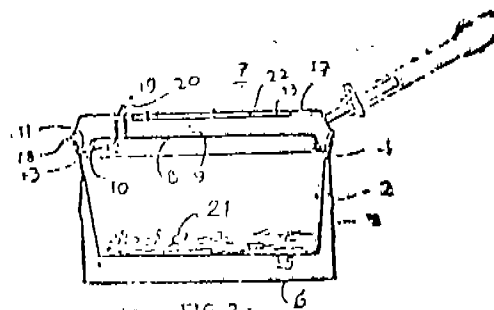


FIG. 2

Comp. Specn. 4 pages

Drg. 1 sheet

Ind. Cl. : 189 [LXVI (9)]

176942

Int. Cl. : A 61 K—7/16.

LIQUID DENTIFRICES.

Applicants : HINDUSTAN LEVER LTD., OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION BOMBAY-400020, MAHARASHTRA, INDIA, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventor : PATER LEONARD DAWSON.

Application No. 362/Bom/92 filed on 19-11-1992.

U.K. Priority date 19-11-1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

5 Claims

A liquid dentifrice composition comprising from 2—50% by weight of a particulate siliceous abrasive material having a specific surface area of between 50 and 900 m²/g and a pore volume of between 0.2 and 0.6 l/kg, stably suspended in an aqueous liquid medium which is substantially free from polyol-type humectants, with the aid of from 0.25% to 2% by weight of a polysaccharide gum as suspending agent.

Comp. Specn. 11 pages

Drg. nil

Ind. Cl. : 179 G & F [XL (6)]

176943

Int. Cl. : B 65 D—35/28

DISPENSING MEANS FOR SIMULTANEOUSLY DISPENSING TWO LIQUIDS FROM A COMMON OUTLET.

Applicants : HINDUSTAN LEVER LIMITED, 165/166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventor : BRIAN PARRY SLADE.

Application No. 91/Bom/1993 filed on March 30, 1993.

U.K. priority convention date April 2, 1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400013.

10 Claims

Dispensing means for simultaneously dispensing two liquids from a common outlet and comprising respective tubular passages, one within the other, each having inlet means, for a respective one of the liquids, the inner of said tubular passages terminating within the outer passage at a said spacing from said outlet and the outer tubular passage providing a common conduit for flows of both liquids between said inner

passage termination and the outlet, the common conduit having an elongate downstream portion the cross-section of which reduces in size in the direction of flow, or is constant, whereby to inhibit mixing of the two liquid flows along its length, and an upstream portion that is positioned or positionable to overlap the outlet of the inner tubular passage and that has a cross-section reducing in size in the direction of the flow at a greater rate than any reduction of size in an adjoining region of the downstream portion.

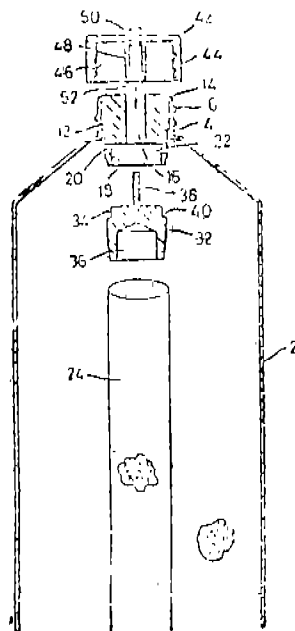


Fig. 1

Comp. Specn. 20 pages

Drgs. 2 sheets

Ind. Cl. : 39-O [III]

176944

Int. Cl. : C 01 B--33/28

A PROCESS FOR THE PREPARATION OF P ZEOLITE.

Applicant : HINDUSTAN LEVER LTD. HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA, INDIA.

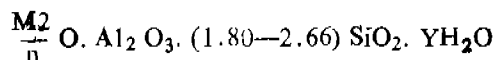
Inventor : ABRAHAM ARAYA.

Application No. 99/Bom/1993 filed on Apr 8, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400013.

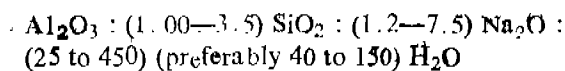
3 Claims

A process for the preparation of P zeolite having the oxide formula



wherein Y is the water content and M has a meaning given herein above comprising the steps of :

- (i) a sodium aluminate solution having a temperature of at least 25°C is mixed with a sodium silicate solution at a temperature of at least 25°C in a stirred vessel in the presence of a slurry of P zeolite seed to form a gel having the composition,



- (ii) ageing the gel at a temperature above about 25°C with stirring to maintain solids in suspension for a period of least about 0.1 hour, and

- (iii) separating the P zeolite product, washing and drying.

Comp. Specn. 21 pages

Drg. Nil

Ind. Cl. : 129 G, J, P Gr. [XXXV]

176945

Int. Cl. : B 21 D--19/00, 19/12, 19/16

AN IMPROVED BEADING AND CURLING MECHANISM FOR THE RE-ENTRANT PROFILES.

Applicant & Inventor : MILIND DINKAR KELKAR A-32, M.I.D.C. AREA, NEAR RLY. STATION, AURANGABAD-431 005, MAHARASHTRA, INDIA.

Application No. 102/Bom/93 filed on 13-4-1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

1 Claim

An improved beading and curling mechanism for the re-entrant profile comprising an inner beading roller, driven by a suitable drive, a locator mechanism, axis of which is eccentric with reference to the drive of the said inner beading roller, there is provided an outer beading roller, the said inner and outer beading and curling rollers are having matching profile, the said outer beading roller is a freely rotating roller which is kept pressed against the wall of the article with the help of a sliding mechanism, an article clamping arrangement for clamping the article, the said article clamping arrangement can be raised or brought down along the axis of the locator.

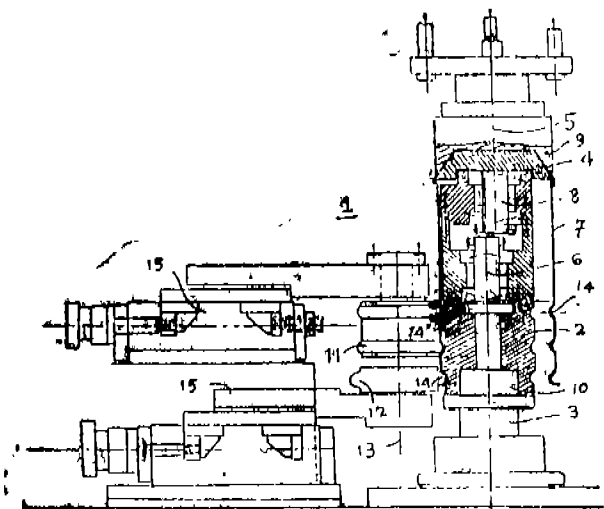


FIG 1

Comp. Specn. 4 pages

Drg. 1 sheet

Ind. Cl. : 153 Gr. [XLIII (3)]

176946

Int. Cl. : B 24 B--29/00

WIDE BUFF POLISHING MACHINE.

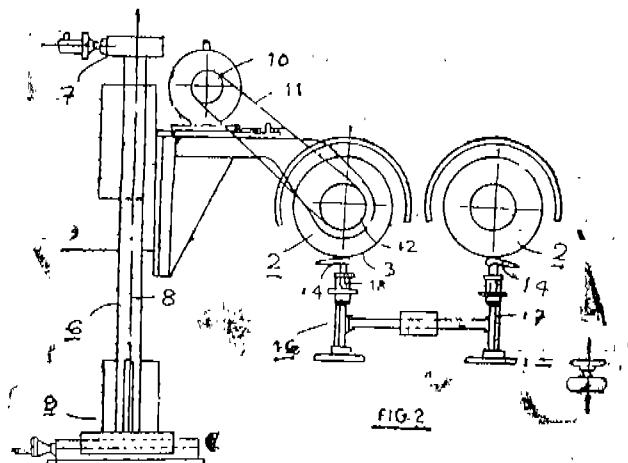
Applicant & Inventor : MILIND DINKAR KELKAR, A-32, M.I.D.C. AREA NEAR RLY. STATION, AURANGABAD-431 005, MAHARASHTRA, INDIA, AN INDIAN.

Patent application No. 103/Bom/93 filed on 13-4-1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

1 Claim

The wide buff polishing machine comprising a buffing module made up of a stack of plurality of individual wheels mounted on a spindle driven by a suitable prime mover, a mechanism is provided to raise or lower the said buffing module depending on the size, shape of the article, a conveyor or mechanism driven by suitable reduction drive characterised in that the chain of the conveyor is provided with a pin vertical axis extending upwards to take up fixtures above for holding individual article which rotates on the vertical axis by virtue of pinion engaging with horizontal stationary lack.



Compl. Specn. 5 pages

Drsgs. 2 sheets

Ind. Cl.: 61 G H K Gr. [VIII]

176947

Int. Cl.: F26 B—3/22, 13/00, 15/00, 17/00

A PROCESS AND PLANT FOR DEHUMIDIFICATION OF BAGASSE TO OBTAIN DRY BAGASSE AS FUEL AND HIGH PRESSURE STEAM TO BE USED IN INDUSTRY.

Applicants: ZUCKER GASIFICATION & COGENERATION PVT. LTD. 42, AMAR CO.OP. SOCIETY, PARMESHWARI ERANDAWANE, PUNE-411 004, MAHARASHTRA STATE, INDIA, AN INDIAN COMPANY DULY REGISTERED AND INCORPORATED UNDER THE COMPANIES ACT, 1995.

Inventor: MRS. ARUNA ARUN KHADILKAR.

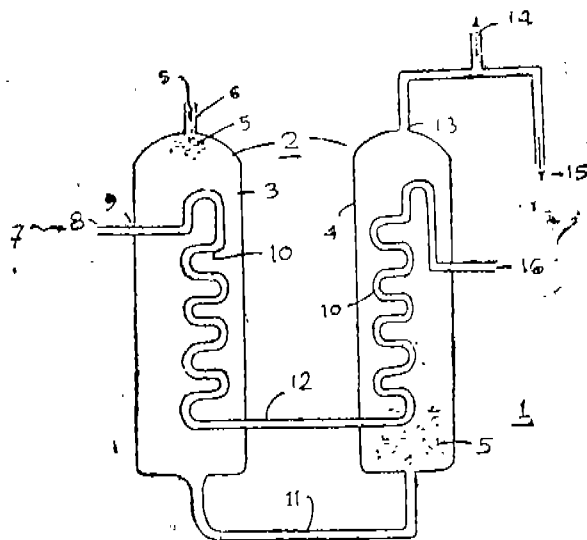
Application No. 122/Bom/93 filed on 23-4-1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400013.

2 Claims

A process for dehuffification of bagasse to obtain dry bagasse as fuel and high pressure steam to be used in industry comprising feeding bagasse which contains around 50% water and bagasse directly from the mills is let in from the top of the first heat exchanger which descends down due to gravity and gets heated with the steam passing through the coiled path; the moisture in the bagasse gets converted into low pressure steam and the progressively drying bagasse and the said low pressure steam is carried forward to the second heat exchanger and which further rises upwards in the form of dry bagasse and low pressure steam which are taken out through two independent outlets, the said high pressure steam initially entering the first heat exchanger is

let out through an outlet provided in the second heat exchanger to be utilised as low pressure steam for other applications in the sugarcane industry.



Compl. Specn. 6 pages

Drsg. 1 sheet

Ind. Cl.: 111 [XLII (5)]

176948

Int. Cl.: A 45 C—1/12

ANIMATED COIN BANK.

Applicants & Inventor: PRASANTA KUMAR RAY L-3/12, BANGUR NAGAR, GOREGAON (WEST), BOMBAY-400 090, MAHARASHTRA, INDIA.

Application No. 140/Bom/1993 filed on May 10, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400013.

3 Claims

An animated coin bank comprising of a hollow box having a slot, for inserting coin, at its top wall, the front wall of the said box, preferably at its top left corner, beneath the said slot being provided with a rectangular opening, a pair of circular openings provided below the said rectangular opening and a trapezium opening provided below the said circular openings, a circle being drawn around the said circular opening and the said trapezium opening, a sliding plate, having its front face marked with the words "THANKS" and "HELP" in two lines one below the other, a pair of dark circles, below the said words and two dark sectorals invertedly facing each other one below the other provided below the said circles, the said plate being provided inside the said box having its front side facing the front wall of the box, the lower end of the said plate provided with a projecting channel at its back side, the said plate being connected to a balance weight through a taps/wire/string passing over a rolled pin/pulley and the said channel at the lower end of the sliding plate being made tapered/inclined for easy rolling down of the coins into the said box.

Compl. Specn. 7 pages

Drsg. 1 sheet

Ind. Cl.: 5B, Gr. [I (1)]

176949

Int. Cl.: A 01 D—34/42

AN IMPROVED LAWN MOWER.

Applicant & Inventor: ANAND ZAVERI SON OF PANALAI ZAVERI, INDIAN NATIONAL OF OPP: RANMUKTESHWAR MAHADEV, HANSOL, AHMEDABAD-382 475, GUJARAT, INDIA.

Patent Application No. 142/Bom/93 filed on 10-5-1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

2 Claims

An improved lawn mover comprising:

a main body housing a cylinder carrying at least one blade, the said cylinder being pivoted in the main body so as to be able to rotate:

a stationary blade with adjustable cutting edge relating to said rotating blade, fixed to a holder pivoted at each end in the main body, characterised in that a threaded nut is provided at the centre of the said holder and a bolt having threading at one end, which is in engagement with the said threaded nut, and the unthreaded end housed in the mower body, such that rotation of the said bolt varies the position of the said stationary blade relative to the said rotating blade to achieve optimum pressure and contact along the cutting edges of the stationary and rotating blades and no linear movement of said rod.

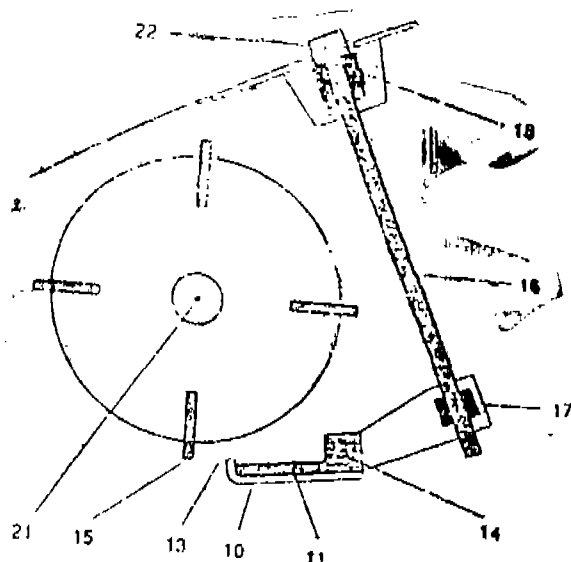


FIG. 2

Compl. Specn. 8 pages

Drwg. 1 sheet

Ind. Cl. : 39 Q [III],
130 E, F, I [XXX III (7)]

176950

Int. Cl. : C 22 B—19/04

METHOD FOR PRODUCING EASILY VOLATILE METALS, SUCH AS ZINC, LEAD AND CADMIUM PYROMETALLURGICALLY FROM SULPHIDIC RAW MATERIALS.

Applicants : OUTOKUMPU RESEARCH OY, KUPARITIE 5, PORI, FINLAND.

Inventors : (1) TIMO TAPANI TALONEN, (2) HEIKKI JORMA EEROLA.

Application No. 144/Bom/1993 filed on May 10, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

11 Claims

A method for producing easily volatile metals, such as zinc, lead and cadmium, pyrometallurgically from sulfide raw material, so that also other valuable metals contained in the raw material are recovered characterized in that the zinc sulfide concentrate is fed into a copper melt into a

reduction furnace which is operated at atmospheric pressure and at a temperature of 1450—1800 degree centigrade so that by means of the copper melt, the zinc lead and cadmium contained in the concentrate are converted into metallic form, recovered in gaseous form from the furnace and condensed, whereas precious metals, iron and copper for the most part remain in the molten metal or in the metal sulfide matte created in the furnace, the matte created in the furnace is circulated in a oxidizing reactor in order to convert copper sulfide back to metallic copper, which is then conducted back to the reduction furnace.

Compl. Specn. 27 pages

Drwg. 2 sheets

Ind. Cl. : 185 CE [XVIII]

176951

Int. Cl. : A 23 F 3/00.

A PROCESS OF PREPARING A TEA CONCENTRATE CONTAINING TEA VOLATILES.

Applicant : HINDUSTAN LEVER LTD., 165-166, BACK-BAY RECLAMATION, BOMBAY-400 020, INDIA.

Inventor : RAJNI BHATIA.

Appn. No. 260/Bom/1992 filed Aug 27, 1992.

U. K. convention date Aug 29, 1981.

Appropriate Office for filing opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

16 Claims

A process of preparing a tea concentrate containing tea volatiles comprising tea concentrate from tea leaf material, in which tea leaf material is contacted with water vapour under distillation conditions and the obtained mixture of water vapour and tea flavour and/or aroma constituents is condensed, characterized in that the condensation is effected by contacting the mixture of water vapour and tea flavour and/or aroma constituents with cold, tea solids comprising material.

Comp. Specn. 13 pages;

Drwg. Nil.

Ind. Cl. : 101 E [XXVIII (2)]

176952

Int. Cl. : B 67 D 5/16.

A FLOW MEASURING DEVICE.

Applicant & Inventor : AVINASH SHRIKRISHNA VAIDYA 122/3, ERANDAVANA, ANURAG APARTMENTS PUNE-411 004, MAHARASHTRA INDIA.

Application No. 281/Bom/1992 filed on 11-9-92.

Complete after provisional left on 30-11-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

6 Claims

A flow meter comprising :

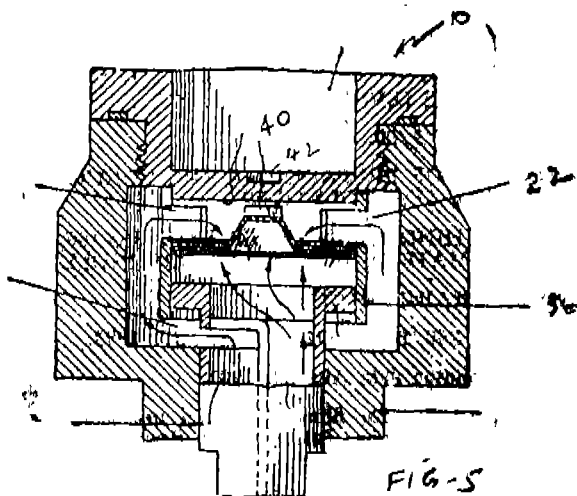
a vortex-generating body having a base surface facing fluid flow and a pair of converging surfaces extending down stream from the said base surface and an orifice adjacent to each downstream surface;

a flow tube in which the vortex generating body can be mounted; enclosure means defining a hollow interior;

bifurcating means bifurcating said orifice and said interior to define a pair of channels in said interior, said channels not being in fluid communication with each other; a diaphragm type vibratory sensor having first and second opposite surfaces;

port means defined in the chamber for admitting and withdrawing pressure fluctuations into said chamber from said bifurcated orifice in communication with fluid flowing through the flow tube and transmitting the pressure fluctuations to the vibratory sensor in a longitudinal direction; mounting means for vibratorily mounting said sensor in the said interior with said first and second surfaces normal to said longitudinal direction thereby causing said sensor to;

detection means for detecting the said vibrations of the sensor for display.



Prov. Specn. 10 pages;
Comp. Specn. 13 pages;

Drwg. 3 sheets.
Drwg. 2 sheets.

Ind. Cl. : 50 A [VII(1)]
Int. Cl. A 47 J - 41/00.

176953

AN IMPROVED CASSEROLE.

Applicants : EAGLE FLASK INDUSTRIES LTD. EAGLE ESTATE, TELEGAON 410507 DIST. PUNE, MAHARASHTRA, INDIA.

Inventor : ALIMOHAMED CHHGANBHAI PADAMSEE.

Application No. 294/Bom/92 filed Sep 18, 92.

Complete after provisional left on Nov, 18, 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

2 Claims

An improved casserole, comprises of :

a double walled container having a double walled lid both being made of glass or transparent High Density Plastic, the annular space between the inner wall and the outer wall of the said container and the said lid being provided with heat insulating material such as polyurethane foam or the like, the circumferential ribs of the inner wall of the outer wall of the said container being hermetically sealed, the outer surface of the said inner wall and the inner surface of the said outer wall of the said container and the said lids being coated with reflective coating substance such as silver or mercury, a base support being provided at the bottom of the said container and a pair of handles of heat insulating material being provided with the body of the said container; a lifting means made of some heat insulating material provided to the said lid.

Comp. Specn. 7 pages;
Prov. Specn. 5 pages;

Drwg. 1 sheet.
Drwg. 1 sheet.

Ind. Cl. : 201 A+D,
70 C3+A

176954

Int. Cl. : C 02 F—1/46, 1/76,
C 25B—9/00, 1/6

AN ON LINE PORTABLE ELECTRO CHLORINATOR FOR CAUSING STERILIZATION OR PURIFICATION OF WATER.

Applicants : M/S. ION EXCHANGE (INDIA) LTD., TIECICON HOUSE, DR. E. MOSES ROAD, MAHALAKSHMI, BOMBAY-400011, MAHARASHTRA, INDIA, AN INDIAN COMPANY.

Inventors : (1) CLIFFORD FRANCIS DISONZA (2) DR. VINOD CHINTAMANI MALSE.

Application No. 298/Bom/92 filed on 24-9-1992.

Complete after Provisional left on 20-10-93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

4 Claims

An on line portable electro chlorinator for causing a sterilization or purification of water comprising :

- (i) a housing,
- (ii) an electrode assembly provided with said housing,
- (iii) said electrode assembly comprising at least two first electrodes disposed in a space relationship to each other,
- (iv) said electrode assembly comprising a second electrode being different to said first electrodes,
- (v) said second electrode disposed between said two electrodes,
- (vi) said electrodes held to one end to an end plate having inlet/outlet pipe, wherein said first set of electrodes comprise which is in the form of a mesh and the second electrode comprises a cathode.

Prov. Specn. 7 pages

Drg. 1 sheet

Comp. Specn. 9 pages

Drgs. 2 sheets

Ind. Cl. : 89 (XLI)

176955

Int. Cl. : B 61 K—9/12,
01 B—21/00, 21/22

DEVICE FOR CONFORMATIVE CHECKING OF TREAD PROFILES OF WHEEL SETS USED FOR ROLLING STOCK AND THE LIKE ON THE MACHINE TOOL AND OR ELSEWHERE.

Applicant & Inventor : VINAY KUMAR SHRIDHAR AT OFFICE OF THE DY. DIRECTOR OF INSPECTION, 'SURAD', 106/13, ERANDAVANA, DR. KETKAR ROAD, PUNE-411 004 (MAHARASHTRA STATE) INDIA.

Application No. 300/Bom/1992 filed on 24-9-1992.

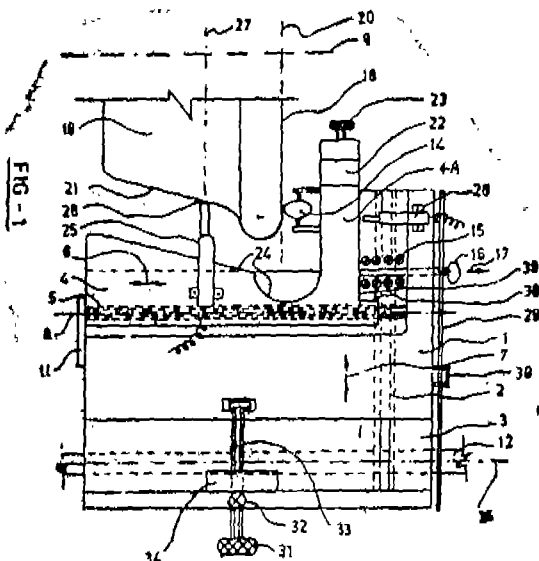
Date of filing complete after provisional specification 20-12-1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

4 Claims

Device for conformative checking of tread profiles of wheel sets used for rolling stock and the like on the machine tool and or elsewhere, comprising of two similar measuring units co-axially mounted and capable of moving on a guide bar having adaptably and rigidly fixed on a wheel lathe or on a frame and having its axis parallel to axis of the wheel set which is mounted in-between its centres; each of the

said measuring unit comprising of a base member slidable on the said guide bar and a main member slidably mounted on the said base member and is slidable perpendicular to the said axis of the said guide bar; a tracing member slideable on the said main member having inside shape adaptable to the tread profile of the said wheel set and its slideable axis being parallel to the said axis of the said guide bar and on one side of its vertical member provided with a precision roller with rounded ends capable of rotating on the inner flat machined face of a wheel of the said wheel set, and having plurality of variation measuring devices like dial gauges or linear variable differential transducers having their contact point pressingly touching the said tread profile of the said wheel at various places, one of which located at the type plane of the said wheel and the said variation measuring devices being perpendicular to the axis of the said wheel set, another such said variation measuring device rigidly fixed on the said main member having its contact point pressingly touching on other side of the said vertical member of the said tracing unit; a spring provided in-between the said main member and other side of the said vertical member of the said tracing member; the said main member and the said base member provided with screw threaded member with a hand wheel mode and having a locking screw and a rotary encoder or glass scale with encoder or scale and vernier scale for adjusting and measuring distance between them; the said tracing member provided with an adaptable groove for aligning a setting template at its said vertical member and a locking screw to hold it rigidly, the said setting template having shape exactly similar to the shape of the said tread profile; the said two similar measuring units being identical in construction but one of the said tracing member being adaptable to the tread profile of the left hand side wheel of the said wheel set and other adaptable to the right hand side wheel of the said wheel set; each of the said tracing member of two said similar measuring units provided with reference position enabling to know distance between them, a mode like driving roller provided to rotate the said wheel set and the said variation measuring devices characteristically observe the variations in the said tread profiles of the said wheel set.



Provisional Specn. 6 pages

Compl. Specn. 20 pages

Drg. Nil

Drgs. 4 sheets

Ind. Cl. : 40 B (IV) (1)

Int. Cl. : C 01 B, 33/28

176956

AN FCC CATALYST ADDITIVE AND A PROCESS FOR PREPARING THE SAME.

Applicants : HINDUSTAN LEVER LTD., HINDUSTAN LEVER HOUSE, 165-166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

2-277 GI/96

Inventors : KHANDERAO DEORAO GHUGE, VENKATESWARAN KRISHNAN, GANGUNDI PRAKASH BABU, AND AYODHYA NATH BHAT.

Application No. 330/Bom/92 filed on Oct 21, 1992.

Complete after provisional left Oct 11, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

14 Claims

An FCC catalyst additive comprising 3—15% of at least one pentasil zeolite, 45—90% of clay, 1.3—6.5% of phosphorus and 0—2.5% of silica-alumina binder.

Compl. Specn. 9 pages

Provn. Specn. 7 pages

Drg. Nil

Drg. Nil

Ind. Cl. : 39 O

176957

Int. Cl. : B 01 J—37/00; C 01 B—33/26

B 01 J—29/04; C 01 B—33/28

A PROCESS FOR DEALUMINATING ZEOLITE.

Applicants : HINDUSTAN LEVER LTD. 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) NIRANJAN SACHADE (2) KRISHNAN VENKATESWARAN (3) KHANDERAO DEORAO GHUGE (4) ABHJIT MUKHERJEE (5) AYODHYA NATH BHAT (6) SUNETRA CHAUDHURI (7) PRASHUN MUKHERJEE.

Application No. 330/Bom/92 filed on Oct 21, 1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

6 Claims

A process for dealuminating zeolite-Y comprising treating an aqueous slurry of the zeolite-Y, which is at least partly in the ammonium form, with dilute H-SiF₆ and ammonia at a pH ranging from 4.5—8.0 and at a temperature from 40—110°C thereafter separating the dealuminated zeolite-Y formed which is washed free of fluoride and other impurities and the dried.

Compl. Specn. 11 pages

Provn. Specn. 9 pages

Drg. Nil

Drg. Nil

Ind. Cl. : 101 H [XXVIII] (2)

176958

Int. Cl. : E 02 B—7/44

AN AUTOMATIC OPENING AND CLOSING GATE FOR MAINTAINING DESIRED UPSTREAM WATER LEVEL IN WASTE WEIR, SPILLWAY, RIVER, CANAL, DAME OR THE LIKE RESERVOIRS.

Applicants & Inventors : RAGHUVIR SINGH HADA GULABGARH, 40, SETHNAGAR, UJJAIN (M.P.) PIN-456010, INDIA, INDIAN NATIONAL.

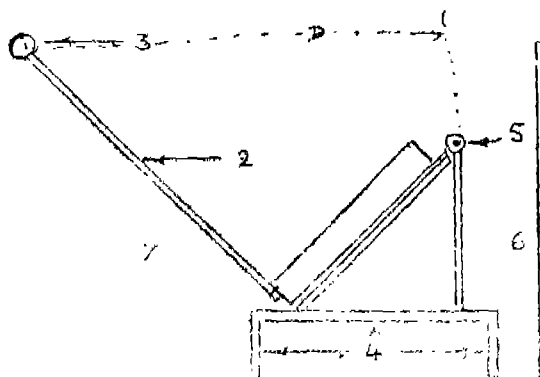
Application No. 335/Bom/1992 filed on 23-10-1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

2 Claims

An automatic opening and closing gate for maintaining desired upstream water level in waste weir, spillway river, canal, dam or the like reservoir, comprising a hollow box type gate leaf, a lever being perpendicularly fixed at the lower end of the said gate leaf, a balance weight being mounted at the free end of the said lever, a hinge being provided at the upper end of the said gate leaf, the said gate

leaf being hingedly mounted on a base frame fixed in a waste weir or the like formed across a canal, river, dam or the like reservoir, a rubber sealing being provided in the said base frame and a blade being fixed near the periphery at the back side of the said gate leaf, arrangement being such that the gate leaf rests at an angle against the said base frame in the closed position of the gate and the horizontal distance between the balance weight and the hinge at the top of the gate leaf, continuously changes when the said gate leaf starts opening or closing.



Compl. Specn. 6 pages

Drgs. 3 sheets

Ind. Cl.: 136 E, Gr. [XIII]

176959

Int. Cl.: B 29 C—45/00, 45/57

METHOD FOR DUAL INJECTION MOULDING.

Applicant & Inventor: CHANDRAKANT SHANKERLAL SHAH A U.S. CITIZEN OF 2051, MELODY LANE, GREENFIELD, IN 46140, U.S.A.

Patent Application No. 345/Bom/92 filed on 3-11-1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

16 Claims

A method for dual fluid injection moulding thermoplastic or thermoset material comprising:

Providing a nozzle body through which molten thermoplastic or thermosetting material flows with a valve member having a bore through which fluid flows;

Providing within the valve member bore an adjustable fluid pin to establish an orifice through which fluids flow;

communicating the nozzle body with a mould space into which the material flows;

actuating the valve member to allow the material to flow through the nozzle body into the mould space;

maintaining the adjustable fluid pin in a closed position to prevent the material from entering the fluid orifice and bore;

subsequently opening the fluid pin allowing a first pressurized fluid in vapour phase flow through the valve member bore and fluid orifice into the thermoplastic or thermosetting material to form a hollow cavity in the material;

subsequently allowing a second pressurized fluid of different chemical composition than the first fluid to follow through the valve member bore and fluid orifice into the hollow cavity;

actuating the valve member to terminate the flow of the thermoplastic or thermosetting material in the nozzle body;

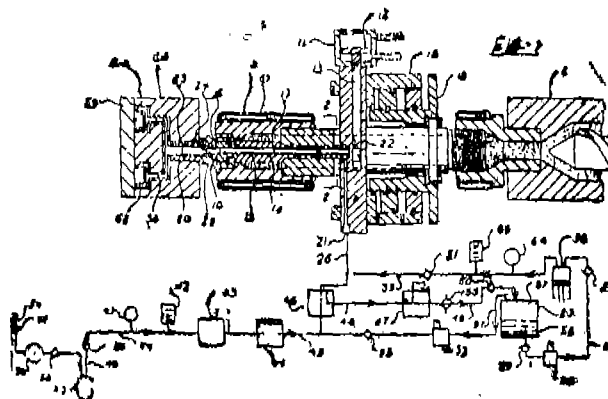
subsequently purging the first fluid in a liquid phase at a pressure higher than the hollow cavity pressure to flow through the valve member bore and fluid orifice into the

hollow cavity where it will start to evaporate at the partial pressure of the first pressurized fluid in vapour phase and thereby form a mixture of pressurized fluids;

continuing to allow the first fluid liquid to evaporate and convert to a vapour fluid which will continue packing of the thermoplastic or thermosetting material to conform to the mould space;

cooling the thermoplastic material or curing the thermosetting material to form a thermoset material;

subsequently venting the mixture of pressurized fluid from the hollow cavity in thermoplastic or thermoset material through the fluid orifice and valve member bore.



Comp. Specn. 16 pages.

Drgs. 2 sheets.

Ind. Cl.: 189 [LXV (9)]

176960

Int. Cl.: A 61 K—7/02

AN AQUEOUS COSMETIC COMPOSITION SUITABLE FOR USE AS MAKE UP REMOVER.

Applicants: HINDUSTAN LEVER LIMITED OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA, INDIA, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventor: (1) ZIA HAQ (2) IAN GARNER LYLE.

Application No. 347/Bom/92 filed on 6-11-1992.

UK priority dated 7-11-91 & 4-9-92.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

16 Claims

An aqueous cosmetic composition suitable for use as a make-up remover or degreasing composition for hair or skin, the composition comprising in aqueous solution from 1 to 25% by weight of one or more non-ionic secondary branched or straight chain, or primary branched chain, alcohol alkoxy late surfactants having an average HLB value of 10 to 15.

Comp. Specn. 21 pages

Dr. Nil

Ind. Cl.: 128 B [XIX (2)]

176961

Int. Cl.: A 61 B 17/58

A NAIL FOR USE FOR JOINING FRACTURES OF TIBIA.

Applicants and Inventor: KANTILAL PANNALAL DAGA, 131, MURARJI CHOWK, SOLAPUR-413 001, MAHARASHTRA, INDIA.

Application No. 154/Bom/1992 filed on 14-5-1992.

Complete after provisional filed on July 19, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

5 Claims

(1) A nail for use for joining fracture of tibia intramedullary comprising a shaft/stem (3) having a straight upper portion and straight lower portion, an eye (2) being provided in said upper portion near the top end thereof, a clover leaf (4) opening being provided through out the length of said shaft, the lower portion of said shaft being provided with a tapered end for facilitating the insertion of said nail into the fractured bone of the patient, a plurality of holes (5) being provided in the lower portion of said shaft for the passage of interlocking screws there through to prevent the rotational movement of said nail.

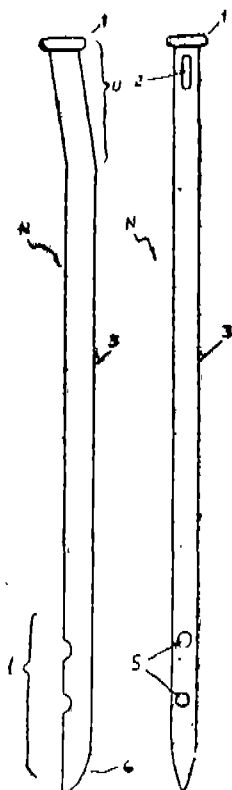


Fig 2A Fig 2B

Comp. Specn. 7 pages

Prov. Specn. 7 pages

Drg. 1 sheet

Drg. Nil

Ind. Cl. : 155 F 1 [XXIII]

155 F 2

Int. Cl. : D 06 M-15/00

176962

AN IMPROVED FABRIC SOFTENING COMPOSITION.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-400020, MAHARASHTRA, INDIA, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventor : GRAHAM ANDREW TURNER.

Application No. 222/Bom/92 Filed on 15-1-92 U. K. Priority dated 15-7-91.

Appropriate Office for Opposition Proceedings Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

7 Claims

An improved fabric softening composition comprising at least 1% by weight of a water insoluble cationic fabric softening agent and a nonionic stabilising agent wherein the water insoluble cationic fabric softening agent is a quaternary ammonium material which comprises a compound having two C_{12-28} alkyl or alkenyl groups connected to the quaternary nitrogen atom via an ester link characterized in that the nonionic stabilizing agent is selected from predominantly linear C_{10} to C_{20} alcohols alkoxyated with 10 OR more moles of alkylene oxide and the nonionic stabilising agent has a clear phase at a 1% concentration in water somewhere in the range of 0°C and 45°C and a Krafft point less than 30°C .

Comp. specn. 13 pages

Drgs. Nil

Ind. Cl. : 189 Gr. [LXVI (9)]

176963

Int. Cl. : A 61 K-7/48.

A shampoo composition comprising :

Applicants : HINDUSTAN LEVER LTD. OF HINDUSTAN LEVER HOUSE 165/166, BACKBAY RECLAMATION, BOMBAY-400020, MAHARASHTRA, INDIA, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventor : DAVID HOWARD BIRTWISTLE.

Application No. 252/BOM/92 filed on 14-08-92.

G. B. Priority Dt. 16-08-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

8 Claims

A shampoo composition comprising :

- (a) microemulsified particles of a conditioning oil having a particle size of ≤ 0.15 microns;
- (b) a deposition polymer, and
- (c) in addition to the microemulsified conditioning oil itself, from about 0.1 to about 50% by weight of at least one surfactant.

Comp. specn. 16 Pages

Drg. Nil.

Ind. Cl. C [XI (1)]

1 76964

Int. Cl. : C 11 D - 63/39.

AN IMPROVED PROCESS FOR BLEACHING ORGANIC COMPOUNDS SUCH AS SULPHONIC ACID, FATTY ACIDS OR MIXTURE THEREOF.

Applicants : HINDUSTAN LEVER LTD. 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) NIRAJ DHANSUKHLAL MISTRY & (2) VINODKUMAR RAMNIRANJAN DHANUKA.

Application No. 382/Bom/192. filed on Nov. 27, 1992.

Complete after provisional left - Feb 23, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

15 Claims

An improved for bleaching organic compounds such as sulphonic acid, fatty acids or mixture thereof comprising treating the said compound or mixture thereof with both a bleaching and complexing agent such as herein described

and wherein the step of bleaching is effected at a temperature of upto 60°C and for a period of atleast 5 minutes and wherein the complexing agent is added before, during or after the addition of bleaching agent, wherein said bleaching agent is present in an amount of 0.1%-10% by weight of the organic compounds and the complexing agent used varies between 0.001% and 10% by weight

Complete specification - 13 pages;

Drawings - Nil.

Provisional Specification - 8 Pages;

Drawings - Nil.

Ind. Cl. : 76 H [LXIV (4)]

176965

Int. Cl. : G 09 F - 3/03.

AN IMPROVED CABLE AND THE LIKE HAVING PILFER-PROOF SEALED END.

Applicant & Inventor : ARUN HARI KULKARNI HARIKRUPA BLDG. 3RD FLOOR, 326, RASTA PETH, PUNE-411 011, MAHARASHTRA, INDIA.

Application No. 383/Bom/1992. Filed Nov. 30, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400013.

2 Claims

An improved cable and the like having pilfer-proof sealed end comprising a cable-end, a cap covering the said cable end, a paper-strip and the like bridging the said cap end extending over a part of the length of the said cable-end, the said paper-strip being provided with identification marks such as logo, monogram, signatures, and the like details of the manufacturer/supplier, and a transparent adhesive layer of tape/s or lacquer or varnish or resin or the like being provided over the said cap and the said bridging paper-strip and the like, and extending further on to a part of the cable length.

Complete specification - 8 pages;

Drawings - 1 sheet.

Ind. Cl. : 48 (VIII)

176966

144 A (XII)

Int. Cl. : B 05 D - 1/06

B 05 D - 5/12.

AN IMPROVED METHOD OF MAKING INSULATED WIRE.

Applicant & Inventor : ARUN HARI KULKARNI HARIKRUPA BLDG. 3RD FLOOR, 326, RASTA PETH, PUNE-411011. MAHARASHTRA, INDIA.

Application No. 390/Bom/92 Filed on Dec. 4, 1992.

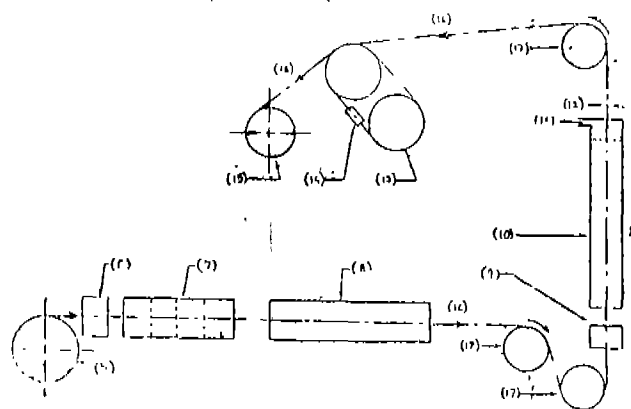
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

4 Claims.

An improved method of making insulated wire comprising the following steps of :

- feeding the conductor to be coated with insulation, feeding being done with the help of rotating reel so as to take out the conductor in horizontal plane,
- straightening the said conductor in a straightner,
- cleaning the said conductor in in-line-cleaner comprising degreasing, acid pickling followed by washing, alkali cleaning etching followed by washing and chromatizing followed by washing.
- annealing the said cleaned conductor cleaned in step C, in an in-line-pre-annealer comprising heating in inert atmosphere followed by quenching in water.
- diverting the said annealed conductor from horizontal to vertical travel with the help of diversion pulley/s.

- electrostatic powder coating of the said cleaned and annealed conductor now moving in vertical direction, in an electro static powder coating method comprising of high voltage generator, insulation powder tank, a compressed air tank, a closed chamber having a bottom opening for entering of bare conductor and a top opening for exit of the said conductor with powder deposition, a plurality of electro static powder coating guns provided in the said closed chamber horizontally around the said conductor moving vertically upwards, the said guns being electrically connected to the said hV generator to create potential difference in between conductor and guns, a pipe line connected to each of the said guns for supplying the controlled quantity of insulation powder in fluidised state, from the powder and air tanks,
- heating, curing and polymerising of the insulation powder impinged on the conductor in step f, by passing through an oven maintained at temperature from 100° to 700°C.
- cooling the said insulated wire while moving in vertical direction with the help of forced air draft from the fans and the like,
- diverting the said vertically moving wire with the help of diversion pulley to bring the wire near to the ground level,
- maintaining a desired, constant, continuous, controlled linear speed by motorised and geared capstan, and,
- collecting the insulated wire in form of coil with the help of reel.



Complete specification - 15 pages;

Drawings - 4 sheets.

Ind. Cl. : 189, Gr. [LXVI (IX)]

176967

Int. Cl. : A 61 K-7/11

AN AQUEOUS HAIR TREATMENT COMPOSITION.

Applicants : HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-400020, MAHARASHTRA, INDIA.

Inventors : 1. G JAE LEE, 2. PAUL VINSKI.

Applicatoin No. 410/Bom/92 Filed on 16-12-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

7 Claims

An aqueous hair treatment composition comprising :

- a water-insoluble, dispersible polymeric resin having a viscosity of less than about 2 centipoise at 25°C when 10% is dispersed in water, present in an active amount for setting hair the said water-insoluble, dispersible polymeric resin being a polyester formed from a combination of at least one di-

carboxylic acid, at least one mol, and at least one difunctional monomer containing a sulpho on an aromatic nucleus; and

- (ii) a water-soluble amphoteric polymer present in an effective amount for setting hair, wherein said water-insoluble resin and amphoteric polymer have a relative ratio of 80 : 20 to 20 : 80 by weight.

Comp. specn. 17 pages. Drgs. NIL.

Ind. Cl. : 107 A, D, G, [XLVII]

176968

Int. Cl. : F 07 7/00, F 16 M 1/00.

F 16 N 1/00.

AN IMPROVED DIESEL OIL ENGINE.

Applicants : GREAVES LTD. 1, DR. V. B. GANDHI MARG, BOMBAY-400 023, MAHARASHTRA, INDIA.

Inventor : B. B. ASAN GIHAL.

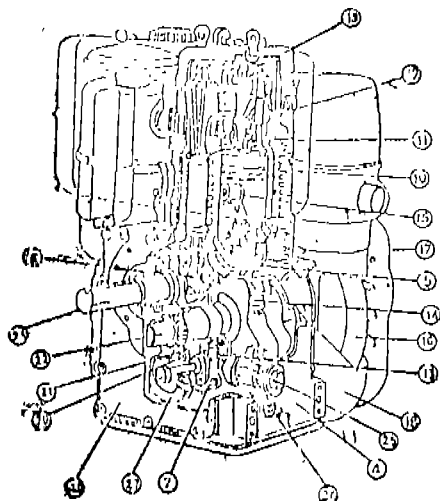
Application No. 419/Bom/92. Filed on Dec 22, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, Bombay-400 013.

11 Claims.

An improved diesel oil engine with piston, connecting rod and crankshaft comprising :

- (i) a thin wall pressure die cast crankcase body and cylinder head with vertical ribs and horizontal ladder ribs for strengthening and a rectangular Tappet hole in the said crankcase for compactness ;
- (ii) oil galleries formed in the said crankcase body for forced lubrication of the engine crankpin and journals;
- (iii) a gear driven by the crankshaft timing gear drives governor and lubricating oil pump and inlet and delivery side of the said pump connected to oil galleries with pressure relief valve and oil filter;
- (iv) one or more number of jet or jets on the pump body to deliver lubricating oil on rotating timing gear, camshaft gear for lubricating thereby forming the mist to further lubricate all other parts inside the engine;
- (v) a fuel pump mounted in the said crankcase body with its rack inside the crankcase and the said rack movement is controlled by the said sliding governor bell position;
- (vi) a blower integrally cos. on flywheel, mounted on the said crankshaft; and
- (vii) an adjusting and controlling lever means to vary the spring load on governor bell for operating engine at variable speeds.



Complete specification 11 pages;

Drawings - 21 sheets.

Ind. Cl. : 56 A

176969

Int. Cl. : B 01 D-3/26

F 28 B-3/00, 3/04.

AN IMPROVED MULTI-JET SPRAY CONDENSER.

Applicants : SHAHAJI BHANUDAS BHAD, J-179, MIDC, BHOSARI, PUNE-411 026, MAHARASHTRA, INDIA.

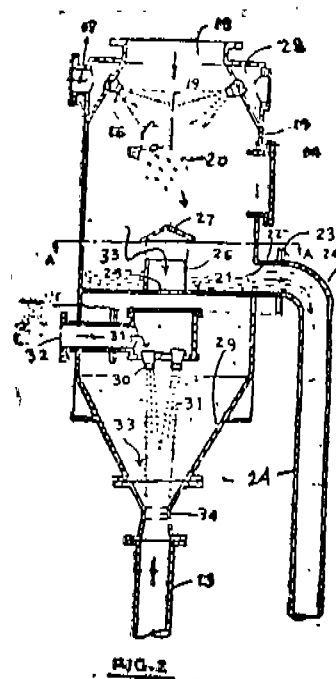
Inventor : SHAHAJI BHANUDAS BHAD.

Application No. 428/Bom/1992 filed on 29-12-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, Bombay-400 013.

1 Claim

An improved multi-jet spray condenser (14) comprising a main body shell, (15) a plurality of spray nozzles (16) and an inlet for spray water (17) water (17 a) provided in a peripheral jacket (28) at the upper side of the said body shell, an inlet (18) provided in the top end of the said body shell for vapours, (19) another set of plurality of jet nozzles (30) and another inlet (32) for jet water (31) provided at the lower side of the said body shell, downwardly tapering bottom (29) leading to a jet water tail pipe, (13) characterised in that a spray water and condensate collecting trough (21) being provided at the lower portion of the said body shell above the said jet nozzles, an opening (22) being provided on the side wall of the said body shell at the bottom level of the said trough forming an outlet (23) for the spray water (17a) and condensate, (20) the said outlet being connected to an additional spray water tail pipe, (24) a central opening (25) with the raised side wall/collar (26) and covered by a canopy (27) being provided in the said trough, the said jet water tail pipe (13) being provided with a venturi (34) capable of letting out jet water (31) and the entrained air (33).



(Compl. Specn. 6 pages,

Drgs. 1 sheet.)

Ind. Cl.: 123 Gr. II(4)]

176970

Int. Cl.: A 01 N—25/04

AN IMPROVED PLANT GROWTH PROMOTING COMPOSITION.

Applicants: HINDUSTAN LEVER LIMITED A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 HAVING ITS REGISTERED OFFICE AT HINDUSTAN LEVER HOUSE, 165-166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors: (1) VEDANTAM VENKATESWARA KUMAR.
(2) SARVAMANGALA VENKATRAMANI.
(3) PANKAJ PRADYUMNARAI VAISHNAV.

Patent application with provisional specification No. 429/Bom/92 filed on 29-12-92.

Complete after Provisional specification left on 04-10-1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, Bombay-400 013.

11 Claims

1. An improved plant growth promoting composition having improved stability as herein described comprising:

- (a) at least one plant growth promoter selected from the group consisting of plant wax isolates, plant to fatty acid distillation residue isolates and to C_{14} , C_{16} fatty alcohols, and mixtures thereof; and
- (b) a nonionic emulsifier consisting essentially of at least one polyoxyethylene glycol ether.

(Prov. Specn. 9 Pages)

Drgs. Nil.)

(Compl. Specn. 12 pages,

Drgs. Nil.)

Ind. Cl.: 63-B, I

176971

Int. Cl.: H 01 F 27/24

A LAMINATION ASSEMBLY FOR AN ELECTRO-MAGNETIC DEVICE.

Applicant: LINTON AND HIRST LIMITED OF STRATTON, ST. MARGARET SWINDON, WILTSHIRE SN3 4 RN, A BRITISH COMPANY.

Inventors: (1) GEORGE WILLIAM MARRIOTT
(2) TREVOR HIRST

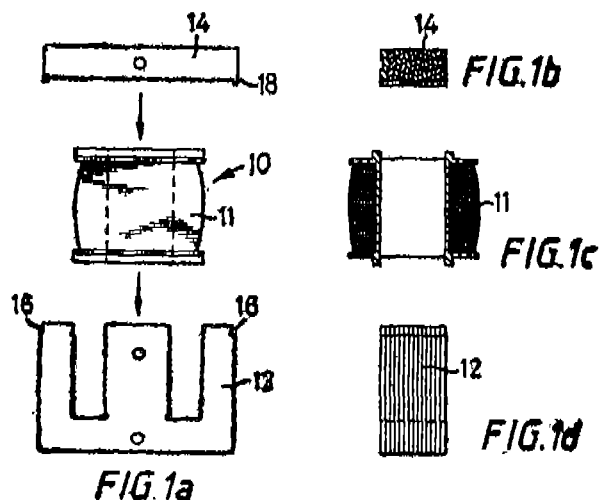
Application No. 855/Mas/89 filed November 23, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

18 Claims

A lamination assembly for an electro magnetic device comprising first and second packs of complementary laminations that fit together and have interfitting formations, characterised in that the formations of one of the packs of laminations are projections that are permanently deformed inwardly towards the complementary formations of the other

pack of laminations to permanently fasten the first and second packs of laminations together.



(Compl. Specn. 30 pages;

Drwgs. 10 sheets.)

Ind. Cl.: 32-F₂(c)

176972

Int. Cl.: C 07 C 149/90

PROCESS FOR THE PREPARATION OF OPTICALLY ACTIVE METHIONINE AMIDE.

Applicant: DSM N. V., A DUTCH COMPANY, OF HET OVERLOON 1, 6411 TE HEERLEN, THE NETHERLANDS.

Inventors: (1) W. H. J. BOESTEN
(2) Q. B. BROXTERMAN

Application No. 445/Mas/93 filed June 28, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A process for the preparation of optically active methionine amide by converting at least partially a mixture of the Schiff bases of D- and L- methionine amide, less than 1.2 equivalents of L- or D-mandelic acid, relative to the amount of Schiff base of D- or L-methionine amide respectively present in the mixture of Schiff bases of D- and L-methionine amide, and an amount of water that is at least equimolar relative to the amount of said mandelic acid, in an organic solvent such as herein described into a salt of the methionine amide and mandelic acid; separating a portion substantially consisting of one of the diastereoisomers of said salt from the reaction mixture obtained and converting the salt into the optically active methionine amide in a manner known per se.

(Compl. Specn. 15 pages.)

Ind. Cl.: 40-F

176973

Int. Cl.: C 10 G 71/00

A METHOD OF DESULFURISING A FOSSIL FUEL WHICH CONTAINS ORGANIC SULFUR MOLECULES.

Applicant: ENERGY BIOSYSTEMS CORPORATION, OF 4200 RESEARCH FOREST DRIVE, THE WOODLANDS, TX 77381, U.S.A., A DELAWARE CORPORATION.

Inventors: (1) JOHN RAMBOSEK
(2) BRIAN R. KOVACEVICH
(3) CHRIS S. PIDDINGTON
(4) KEVIN D. YOUNG
(5) SYLVIA A. DENOME

Application No. 473/Mas/93 filed July 9, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

14 Claims

A method of desulfurising a fossil fuel which contains organic sulfur molecules comprising the steps of contacting the said fossil fuel with a micro-organism containing a recombinant DNA plasmid containing a DNA molecule which expresses a biocatalyst capable of desulfurising the fossil fuel and micro-organism mixture under known conditions suitable for catalytic cleavage of organic carbon-sulfur bonds and thereafter recovering the desulfurised fossil fuel in a known manner.

(Compl. Specn. 86 pages;

Drwgs. 12 sheets.)

Ind. Cl. : 32-F₃(a)

176974

Int. Cl.4 : C 07 D 307/00

A PROCESS FOR PREPARING THE CALCIUM SALT OF ASCORBYL-2-MONOPHOSPHATE.

Applicant : BASF AKTIENGESSELLSCHAFT, A GERMAN JOINT STOCK COMPANY, ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF 67056 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

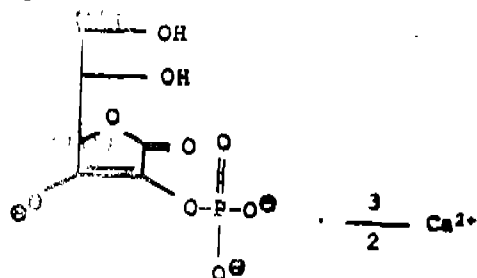
Inventors : (1) KLAUS KAISER
(2) JOACHIM PAUST
(3) FRIENDHEUM BALKENHOHL.

Application No. 520/Mas/93 filed July 28, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A process for preparing the calcium salt of ascorbyl-2-monophosphate of the formula I



comprising

- reacting ascorbic acid with phosphorous oxychloride in the presence of pyridine while maintaining the pH of from 12 to 13 by the addition of aqueous potassium hydroxide solution,
- adding magnesium chloride in an amount ranging from 0.9 to 1.1 mol per phosphate ions, to precipitate the said phosphate ions as potassium magnesium phosphate,
- separating the thus precipitated potassium magnesium phosphate from the reaction mixture wherein the aqueous reaction mixture is distilled to remove pyridine and part of water content therefrom either before the addition of magnesium chloride or after the separation of the precipitated potassium magnesium phosphate,
- reacting the resultant aqueous solution with calcium chloride to produce the calcium salt of formula I, crystallising and isolating the same therefrom.

(Compl. Specn. 14 pages.)

Ind. Cl. : 55-F

176975

Int. Cl.4 : A 61 K 9/00

A METHOD OF MAKING PARTICLES FOR USE IN NMR IMAGING OF HUMANS AND ANIMALS.

Applicant : BRACCO INTERNATIONAL B V, OF 7 DE BOELELAAN, 1083, HJ AMSTERDAM, THE NETHERLANDS, A DUTCH COMPANY.

Inventors : (1) HERVE TOURNIER
(2) ROLAND HYACINTHE
(3) MICHAEL SCHNEIDER

Application No. 523/Mas/93 filed July 28, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

14 Claims

A method of making particles for use in NMR imaging of humans and animals comprising (a) suspending in an aqueous phase, iron oxide particles, at least one amphipatic compound containing a negatively charged phosphorus containing head moiety bonded to a hydrophobic tail moiety and at least one surfactant to convert the said amphipatic compound into micellar form and (b) energizing the said mixture by sonicating, microfluidising or heating to produce a three dimensional shell-like structure having an iron oxide core and a layer of at least one amphipatic compound, the phosphorus containing head moiety of the said compound pointing towards the iron oxide core and the hydrophobic tail moiety protruding therefrom forming an urchin like structure.

(Compl. Specn. 30 pages;

Drwgs. 2 sheets.)

Ind. Class : 32-F₃

176976

Int. Cl.4 : C 07 D 239/30.

A PROCESS FOR THE PREPARATION OF A HALOGENO-PYRIMIDINE DERIVATIVE.

Applicant : LONZA LTD., OF GAMPEL/VALAIS, SWITZERLAND, A SWISS COMPANY.

Inventors : (1) ANDRE ESCHER
(2) FELIX PREVIDOLI.

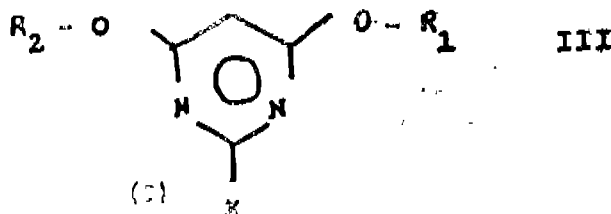
Application No. 527/Mas/94 filed on June 20, 1994.

Divisional to Patent Application No. 709/Mas/92; Antedated to November 25, 1992.

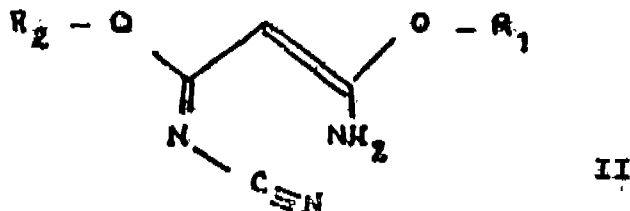
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

2 Claims

A process for the preparation of a halogeno-pyrimidine derivative of the general formula III



in which R₁ and R₂ are the same or different and denote a C₁-C₄-alkyl group and X denotes a halogen atom, comprising reacting a cyano-imidate of the general formula II



in which R₁ and R₂ have the same meaning as above, with a hydrogen halide and recovering the halogenopyrimidine derivative by known means.

(Com. : 15 pages)

Ind. Class : 55-E₄

176977

Int. Cl.4 : A 61 K 31/00.

A PROCESS FOR PREPARING A SYNERGISTIC COMPOSITION FOR TREATMENT OF IRRITABLE BOWEL SYNDROME.

Applicant & Inventor : CHARLES E. DAY, OF 1224 BEAR CREEK ROAD, LEITCHFIELD, KENTUCKY 42754, U.S.A., A U.S. CITIZEN.

Application No. 558/Mas/93 filed on August 10, 1993.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rules, 1972), Patent Office, Madras Branch.

10 Claims

A process for preparing a synergistic composition for treatment of irritable bowel syndrome comprising admixing in the dry powdered state at least one anion binding polymer such as herein described and at least one hydrophilic polymer such as herein described in the weight ratio of 2 : 1 to 1 : 2 optionally together with a pharmaceutically-acceptable diluent.

(Com : 24 pages)

Ind. Class : 32-F^a(b)

176978

Int. Cl.4 : C 07 D 413/00.

A PROCESS FOR PREPARING A COMPOUND OF QUINOLINYLOXADIAZOLE DERIVATIVES.

Applicant : KORFA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, OF 100 LIANG-DONG, YU-SUNG-KU, DAEJEON, REPUBLIC OF KOREA, A KOREAN INSTITUTION.

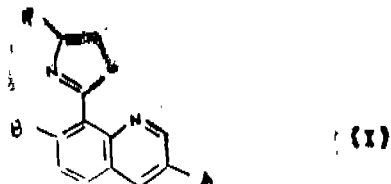
Inventors : (1) RUE EUNG KUL
(2) CHUNG KUN HOE
(3) LEE WON HEE
(4) KIM JAE NYOUNG
(5) HONG KYUNG SIK

Application No. 565/Mas/93 filed on August 12, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

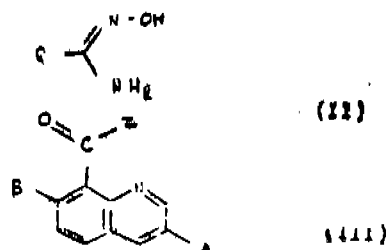
4 Claims

A process for preparing a compound of quinolinyloxadiazole derivatives of the formula (I)



wherein, A and B are selected from the group consisting of hydrogen, halogen and C₁-C₄ lower alkyl; R is C₃-C₆ cycloalkyl, phenyl, benzyl, phenoxyalkyl, phenoxyalkyl, phenylthioalkyl, pyridyl, thienyl or furanyl; And where phenyl and benzyl are optionally substituted with substituents of 1-3 numbers selected from the group

consisting of halogen, C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ alkylthio, C₁-C₄ haloalkyl, C₂-C₆ alkoxyalkyl, nitro, hydroxy and methylenedioxy; phenoxyalkyl wherein the aromatic ring of said substituents may be optionally substituted with 1-3 substituents selected from the group consisting of halogen, C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ alkylthio, C₁-C₄ haloalkyl, C₂-C₆ alkoxyalkyl, nitro, hydroxy and methylenedioxy; phenoxyalkyl wherein the alkyl group of said substituents may be C₁-C₄ alkyl; phenylthioalkyl wherein the aromatic ring of said substituents may be optionally substituted with 1-3 substituents selected from the group consisting of halogen, C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ alkylthio, C₁-C₄ haloalkyl, C₂-C₆ alkoxyalkyl, nitro, hydroxy and methylenedioxy; phenylthioalkyl wherein the alkyl group of said substituents may be C₁-C₄ alkyl; pyridyl, thienyl and furanyl wherein the heterocyclic ring; may be optionally substituted with 1-3 substituents selected from the group consisting of halogen, C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ alkylthio, C₁-C₄ haloalkyl and C₂-C₆ alkoxyalkyl; comprising reacting the compound of the formula (II) with the compound of the formula (III) in the presence of a base, such as herein described,



wherein, R, A and B are as defined above and Z is chloro, bromo, iodo, cyano, acetoxy or alkoxy group.

(Com. : 37 pages)

Ind. Class : 83-A₁

176979

Int. Cl.4 : A 23 L 1/36.

A PROCESS FOR THE PREPARATION OF A SOYA-BASED FOOD PRODUCT.

Applicant : SOCIETE DES PRODUITS NESTLE S.A., A SWISS BODY CORPORATE, OF VEVEY, SWITZERLAND.

Inventors : (1) PICTET GERARD
(2) REHACEK JOSEF

Application No. 591/Mas/93 filed on August 20, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

7 Claims

A process for the preparation of a soya-based food product comprising spraying an aqueous solution containing a glucidic compound from glucose, sucrose, sorbitol, maltodextrine, sugarcane molasses and sugar beet molasses, or mixtures thereof, on the soya beans to form a coating while simultaneously drying the beans; and then roasting the beans in a known manner.

(Com. : 12 pages)

Ind. Class : 55-B4

176980

Int. Cl. : A 61 K 35/78.

PROCESS FOR PREPARING CRYSTALLINE ANHYDROUS PODOPHYLLOTOXIN.

Applicant : NYCOMED DAK A/S, A DANISH LIMITED COMPANY, OF LERGRAVSVEJ 50, DK-2300 COPENHAGEN S, DENMARK.

Inventors : (1) HENRIK FRYDENLUND HANSEN
(2) KIM KJORNAES

Application No. 686/Mas/93 filed on September 28, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

17 Claims

A process for preparing crystalline, anhydrous podophyllotoxin from a podophyllotoxin hydrates, the said process comprising the steps of :

- (i) dissolving the podophyllotoxin hydrates in a non-aromatic and non-halogenated solvent selected from the groups consisting of : monohydric C₂-C₆ alkanols; carboxylic acid esters containing up to 5 carbon atoms; and cyclic ethers containing 4 or 5 carbon atoms, the solvents having a boiling point at a atmospheric pressure not exceeding 130°C and containing at the most about 1% v/v of water,
- (ii) cooling the resulting solution to precipitate crystals of podophyllotoxin, the cooling being continued until precipitation of crystals has substantially ceased,
- (iii) isolating the precipitated crystals, and
- (iv) drying the isolated crystals comprising the steps of
 - (a) predrying the crystals of podophyllotoxin at a temperature between 20°C and the boiling point at atmospheric pressure of said non-aromatic and non-halogenated organic solvent until the melting point of the pre-dried crystals exceeds 120°C; and
 - (b) further drying the pre-dried crystals of podophyllotoxin at a temperature between the boiling point of said non-aromatic and non-halogenated organic solvent at atmospheric pressure and 130°C until the melting point of the crystals is in the range of 183-184°C and the residual amount of said solvent associated therein is at the most 500 ppm.

(Com. : 31 pages)

AMENDMENTS PROCEEDINGS UNDER SECTION 57

Notice is hereby given that NATIONAL RESEARCH DEVELOPMENT CORPORATION and Shri A.M.M. MURUGAPPA CHETTIAR RESEARCH CENTRE, MADRAS have made an application on Form-29 under Section 57 of The Patents Act, 1970 for amendment of specification of their application for Patent No. 29/Del/89 (172605) for "AN IMPROVED PROCESS FOR THE PRODUCTION OF DRIED ALGAL BIOMASS FROM SPIRULINA". The amendments are by way of change of address for service from NATIONAL RESEARCH DEVELOPMENT CORPORATION to M/s. L. S. DAVAR & CO., 506, SHAKUNTALA, 59, NEHRU PLACE, NEW DELHI-110 019. The application

for amendment and the proposed amendments can be inspected free of charge The Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005. If the Written Statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 16/436 granted to Sony Corporation for an invention relating to "a tape loading device for a cassette type tape recording and/or reproducing apparatus."

The patent ceased on the 20th May, 1994 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 8th July, 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 12-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 170921 granted to SKF Textilmaschinen-Komponenten GmbH for an invention relating to "bottom apron cradle for spinning-frame drafting system."

The patent ceased on the 3rd June, 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th August, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with payment of renewal fees within the prescribed time and the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 12-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 175267 granted to KSB Pumps Ltd. for an invention relating to "a gas filled dry submersible motor".

The patent ceased on the 8th May, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th August, 1996.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 12-12-1996 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

CESSATION OF PATENTS

162313 162318 162360 162374 162386 162403 162444 162651
 162655 162686 162741 162758 162812 162823 162852 162854
 162867 162246 163247 166049 166918 170964 171788 172677
 172854 172871 173032

PATENT SEALED ON 13-09-1996

176048 176120 176194* 176230* 176232 176233 176235
 176236* 176237 176238* 176240*D 176252 176253 176256
 176258*D 176281 176285 176288

CAL-13, DEL-NIL, BOM-05, MAS-NIL

*Patent shall be deemed to endorse with the words
 LICENSE OF RIGHT Under Section 87 of the Patents Act,
 1970 from the date of expiration of three years from the date
 of sealing.

F-Food Patents, D-Drug Patents.

RENEWAL FEES PAID

158670 158954 158993 158994 159214 159278 159279 159306
 159870 160184 160185 160188 160326 160354 160539 160540
 160911 161289 161508 161788 161789 162025 162082 162523
 162879 163053 163470 163524 163969 164110 164363 164438
 164610 164849 164850 164912 164975 165189 165191 165315
 165435 165348 165657 165764 165767 165806 165842 165917
 165954 166168 166170 166439 166754 167155 167156 167229
 167897 168025 168054 168108 168114 168302 168326 168348
 168516 168752 168793 168993 168994 169260 169279 169507
 169508 169548 169549 169573 169947 170163 170177 170586
 170655 170837 170910 170915 170916 170917 170918 170919
 170920 170939 171017 171058 171087 171108 171110 171290
 171349 171549 171617 171618 171643 171789 171854 171857
 171872 172014 172028 172046 172101 172134 172137 172197
 172198 172199 172200 172277 172283 172327 172332 172341
 172378 172411 172495 172601 172635 172637 172853 173048
 173271 173330 173340 173412 173417 173431 173445 173552
 173628 173756 173759 173851 173896 173968 174177 174228
 174236 174237 174252 174296 174311 174329 174384 174386
 174415 174544 174592 174501 174603 174607 17408 174611
 174612 174685 174713 174778 174836 174839 174904 175016
 175027 175288 175633 175655 175835 175922 175940 175943
 175944

REGISTRATION OF DESIGNS

The following designs have been registered. They are not
 open to inspection for period of two years from the date of
 registration except as provided for in Section 50 of the Design
 Act, 1911.

The date shown in the each entries is the date of the re-
 gistration included in the entries.

Class 1. No. 170206, Velmor Home Decor Pvt. Ltd., of
 Dayasagar Industrial Estate, Godder Road, Bha-
 yander 401105, Maharashtra, India, Indian Co.,
 "VALVE", 16th Nov 95.

Class 3. No. 170772, Bode Chemie GmbH & Co., of P.O.
 Box 540709, 22507, Hamburg, Germany, a com-
 pany duly organised & existing under the law of
 West Germany, "PLASTIC CONTAINER", 22nd
 Feb 96.

Class 3. No. 170469, Mr. Sunil Ravi Prakash Agarwal, R-1,
 Palm Spring, Cuffe Parade, Bombay-5, "HM/
 HDPE", 27th Dec 95.

Class 3. No. 168515, Colgate-Palmolive Co., a Delaware cor-
 poration of 500 Park Avenue, New York 10022,
 U.S.A., "TOOTHBRUSH", 19th Dec 94.

Class 2. No. 169390, Osram GmbH, Hellabrunner Str. 1,
 D 81543 Munchen, Germany, "FLASHLIGHT",
 23rd June 95.

Class 1. No. 169684, Cartir International B.V., a Dutch com-
 pany organised and existing under the laws of the
 Netherlands, of Herengracht 436, Amsterdam-C,
 Amsterdam-C, Netherlands, "WATCH WITH
 BRACELET", 14th Aug 95.

Class 3. No. 169278, Shyam Shewaram & Sons, Partnership
 firm, 6/7, Patel Industrial Estate No. 4, Naghar,
 Vasai (E), Dist. Thane, Maharashtra India, In-
 dian nationality, "TEA STRAINERS", 6th June
 1995.

Class 3. No. 169913, Braun Aktiengesellschaft a German
 Co. of Frankfurt (Main), Bundesrepublik Deut-
 schland, Germany, "DEVICE FOR THE PLUCK-
 ING OF HAIR", 25th Sep 95.

Class 3. No. 170159, Hindustan Lever Ltd, incorporated
 under the Indian Companies Act, 1913 registered
 office of which is at Hindustan Lever House 165-
 166, Backbay Reclamation, Bombay-20, Maha-
 rashtra, India, "A TOOTH BRUSH WITH
 STAND", 13th Nov 95.

Class 3. No. 170255, Hindustan Lever Limited incorporated
 under the Indian Companies Act, 1913 registered
 office of which is at Hindustan Lever House 165-
 166, Backbay Reclamation, Bombay-20, Maha-
 rashtra, India, "A TOOTH BRUSH", 20th Nov
 95.

Class 3. No. 170158, Sun Oil Co. Pvt. Ltd., 10 B, British
 Indian Street, Calcutta 700069, West Bengal,
 India, an Indian Co., "CONTAINER", 10th Nov
 95.

T. R. SUBRAMANIAN

Controller General of Patent, Design & Trade Marks

प्रबन्धक, भारत सरकार मद्रासालय, फरीदाबाद द्वारा मद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1996

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